

S/N 10/561,524

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FILE 'HOME' ENTERED AT 12:18:41 ON 31 DEC 2006

=> set abbr on perm
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=> set plurals on perm
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=> file uspatall caplus japio
COST IN U.S. DOLLARS

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ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'USPATFULL' ENTERED AT 12:19:06 ON 31 DEC 2006
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FILE 'USPAT2' ENTERED AT 12:19:06 ON 31 DEC 2006
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=> e selo jean-loic/au

E1	1	SELO J L/AU
E2	10	SELO JEAN LOIC/AU
E3	0 -->	SELO JEAN-LOIC/AU
E4	1	SELO JL/AU
E5	6	SELO M/AU
E6	1	SELO M M/AU
E7	14	SELO MADELEINE/AU
E8	4	SELO MUHAMMED/AU
E9	1	SELO MUHAMMED M/AU
E10	1	SELO MYRIAM/AU
E11	8	SELOCHNIK L I/AU
E12	7	SELOCHNIK N N/AU

=> s e2
L1 10 "SELO JEAN LOIC"/AU

=> d l1 1-10 ibib abs

L1 ANSWER 1 OF 10 USPATFULL on STN
ACCESSION NUMBER: 2006:248437 USPATFULL

S/N 10/561,524

TITLE: Process for gas-phase (co)polymerization of olefins in fluidized bed reactor with preventing fouling
INVENTOR(S): Gallice, Alexandre; Reiling, Vince; Selo, Jean-Loic
PATENT ASSIGNEE(S): BP Chemicals Limited, UK; BP Lavera SNC
SOURCE: PCT Int. Appl., 23 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003033543	A1	20030424	WO 2002-GB4495	20021004
WO 2003033543	A9	20050915		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1308464	A1	20030507	EP 2001-430031	20011019
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
EP 1444270	A1	20040811	EP 2002-765089	20021004
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK			
CN 1571799	A	20050126	CN 2002-820698	20021004
US 2004242809	A1	20041202	US 2004-492755	20040416
US 6946530	B2	20050920		

PRIORITY APPLN. INFO.: EP 2001-430031 A 20011019
WO 2002-GB4495 W 20021004

AB The polyolefin with improved flowability is prepared by gas-phase (co)polymerization of an olefin (e.g., ethylene and 1-hexene) in a fluidized bed

reactor in the presence of a process aid additive comprising ≥ 1 component selected from a fatty acid glycerol ester [e.g., Atmer 129 (glycerol monostearate) or Mazol GMO (glycerol monooleate)], a fatty acid sorbitan ester [e.g., Atmer 110 (sorbitan polyoxyethylene ester)] and an alkylamine carboxylate, along with ≥ 1 component selected from hydrogen peroxide and/or water, and a salt.

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2001:676828 CAPLUS
DOCUMENT NUMBER: 135:211450
TITLE: Method for reducing sheeting and agglomerates during olefin polymerization
INVENTOR(S): Llinas, Jean-Richard; Selo, Jean-Loic
PATENT ASSIGNEE(S): BP Chemicals Limited, UK; BP Chemicals S.N.C.
SOURCE: PCT Int. Appl., 34 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

S/N 10/561,524

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001066610	A1	20010913	WO 2001-GB920	20010302
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2402072	A1	20010913	CA 2001-2402072	20010302
EP 1263809	A1	20021211	EP 2001-907983	20010302
EP 1263809	B1	20060531		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003525983	T	20030902	JP 2001-565774	20010302
BR 2001008743	A	20040629	BR 2001-8743	20010302
AT 328013	T	20060615	AT 2001-907983	20010302
EP 1688444	A2	20060809	EP 2006-76117	20010302
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
ZA 2002006809	A	20031126	ZA 2002-6809	20020826
US 2003144432	A1	20030731	US 2002-220040	20021119
US 2005165179	A1	20050728	US 2004-14901	20041220
PRIORITY APPLN. INFO.:				
			EP 2000-430010	A 20000306
			EP 2001-907983	A3 20010302
			WO 2001-GB920	W 20010302

AB The present invention relates to a method for reducing/suppressing sheeting or agglomerates during polymerization of olefins, especially during the fluidized bed gas phase polymerization of olefins by controlling the operation temperature to maintain the polymer particles in their high-temperature optimum operating window and no reversible agglomeration. In particular, the present invention relates to a method for reducing/suppressing sheeting or agglomerates during the product grade transition and/or catalyst transitions occurring polymerization of olefins. Thus, ethylene and butene were polymerized by controlling temperature at 86-96°.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s rtse value
L2 4 RTSE VALUE

=> s rtse
L3 102 RTSE

=> d l2 1-4 ibib abs

L2 ANSWER 1 OF 4 USPATFULL on STN

ACCESSION NUMBER: 2006:248437 USPATFULL

TITLE: Process for the (co-)polymerisation of ethylene in the gas phase

INVENTOR(S): Selo, Jean-Loic, Saint-Gingolph, FRANCE

PATENT ASSIGNEE(S): Innovene Europe Limited, Middlesex, UNITED KINGDOM, TW18 1DT (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006211833	A1	20060921

S/N 10/561,524

US 2005181932 A1 20050818 US 2003-513173 20030501
PRIORITY APPLN. INFO.: EP 2002-358009 A 20020503
WO 2003-GB1885 W 20030501

AB Rotomoldable ethylene polymers having d. 930-944 kg/m³ and melt index 3-7.8 are manufactured by fluidized bed gas phase polymerization of ethylene at a temperature such that the RTSE factor is 4.2-4.4, so that the d. of the product varies at ± 3 kg/m³ and the melt index varies $\pm 30\%$.

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s ((fluidized or fluidised) (2a)bed) (10a) (ethylene or ethene)
L5 1576 ((FLUIDIZED OR FLUIDISED) (2A) BED) (10A) (ETHYLENE OR ETHENE)

=> s ((fluidized or fluidised) (2a)bed) (s) (sinter? (1a)temperature#)
L6 212 ((FLUIDIZED OR FLUIDISED) (2A) BED) (S) (SINTER? (1A) TEMPERATURE#)

=> s 15 and 16
L7 80 L5 AND L6

=> s 17 and (melt index###) (6a)density
L8 16 L7 AND (MELT INDEX###) (6A) DENSITY

=> d 18 1-16 ibib abs

L8 ANSWER 1 OF 16 USPATFULL on STN

ACCESSION NUMBER: 2006:248437 USPATFULL

TITLE: Process for the (co-)polymerisation of ethylene in the gas phase

INVENTOR(S): Selo, Jean-Loic, Saint-Gingolph, FRANCE

PATENT ASSIGNEE(S): Innovene Europe Limited, Middlesex, UNITED KINGDOM, TW18 1DT (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006211833	A1	20060921
APPLICATION INFO.:	US 2004-563861	A1	20040708 (10)
	WO 2004-GB2956		20040708
			20060509 PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	EP 2003-358010	20030711
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	NIXON & VANDERHYE, PC, 901 NORTH GLEBE ROAD, 11TH FLOOR, ARLINGTON, VA, 22203, US	
NUMBER OF CLAIMS:	7	
EXEMPLARY CLAIM:	1-4	
NUMBER OF DRAWINGS:	36 Drawing Page(s)	
LINE COUNT:	454	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a process for improving the start up of polymerization or copolymerization of ethylene in a gas phase reactor, preferably a fluidized bed gas phase reactor.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 2 OF 16 USPATFULL on STN

ACCESSION NUMBER: 2005:306606 USPATFULL

TITLE: Polymer molding compositions